| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S2 | 149 | ("4563367" "5888594" "5948166" "6022602" "6095085" "6153529" "6200412" "4365587" "4521717" "4564790" "4597787" "5002632" "5225656" "5284547" "5378510" "5704983" "5985378" "6002097" "6029602" "6225745" "6225745" "4459509" "4762977" "4841114" "4846101" "4904977" "4916273" "4939424" "4948628" "4971651" "4988644" "5019243" "5023056" "5196105" "5198723" "5224117" "5224441" "5248483" "5262032" "5272360" "5275731" "5279154" "5285046" "5298137" "5308977" "5328737" "5349217" "5355764" "5364665" "5393955").pn. ("5411426" "5413759" "5433787" "5464667" "5470266" "5471031" "5477048" "5493094" "5525780" "5609777" "5675115" "5707331" "5714009" "5750211" "5753009" "5788778" "5803975" "5853521" "5861190" "5861600" "5866986" "5892328" "5895346" "5895548" "5902404" "5903009" "5909031" "5988104" "5998932" "6002129" "6013155" "6018542" "6026762" "6034346" "6039834" "6079426" "6081414" "6089186" "6110540" "6124834" "6136389" "6163007" "6165313" "6166379" "6172321" "6184623" "6204605" "6230652" "3619812" "3703658").pn. ("3892882" "3887466" "3887465" "3882899" "3879295" "3875068" "3849072" "3838809" "3829732" "3818934" "3798489" "4042850" "4048994" "4058252" "4140892" "4149923" "4149931" "4178877" "4094461" "4122292" "4245383" "4253040" "4256120" "4257886" "4264844" "4290848" "4291255" "4299794" "4301391" "4304983" "4306175" "4318767" "4341976" "4343305" "4343760" "4367427" "4372484" "4375825" "4405864" "4409820" "4410124" "4417966" "4430213" "4431898" "4433228" "4434349" "4447220" "4464560" "4475556" "4482246").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 15:44 |

| S1 | 150 | ("4463616" "4615693" "5200595" "5290993" "5315212" "5432315" "5537508" "5560844" "6126792" "6177765" "5488535" "5732767" "3869633" "3828219" "4308232" "4514716" "4870529" "5213599" "5302424" "5492843" "5837619" "6033493" "6051285" "6254254" "6344080" "6522071" "4981071" "6110544" "4583492" "4808487" "4897285" "5201993" "5211995" "5256245" "5268200" "5271799" "5334454" "5681424" "5958801" "6083341" "6096232" "6133156" "6159333" "6226978" "4282597" "4345293" "4370298" "4419076" "4481229" "4531043").pn. (H000024 "4608243" "4620080" "4628006" "4795720" "4880978" "4897172" "4963265" "4981713" "5005101" "5011706" "5200031" "5211825" "5221424" "5230741" "5232570" "5238499" "5244554" "5266154" "5286532" "5292399" "5299068" "5310621" "5320707" "5362361" "5364499" "5374594" "5393952" "5409802" "5410574" "5426299" "5436035" "5471084" "5473291" "5480378" "5499007" "5520741" "5573891" "5578532" "5580386" "5587869" "5652029" "5662877" "5680013" "5712592" "5714044" "5729261" "5736020" "5737169" "5740009").pn. ("5756222" "5766696" "5769951" "5769965" "5779848" "5785878" "5796116" "5801101" "5810937" "5821603" "5840203" "5843233" "5846389" "5858819" "5913140" "5925411" "5959409" "5987335" "6017779" "6017816" "6034433" "6071353" "6089185" "6106664" "6106231" "6113736" "6117714" "6153509" "6162741" "6164295" "6271062" "6277756" "6287980" "6309972" "6335542" "6340644" "6348419" "6368452" "6383333" "6391690" "6444083" "6478035" "6482747" "6613434" "6663748" "6703080" "6718272" "6740393" "6847516" "6852931").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 15:44 |
| S3 | 299 | S1 S2 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 15:56 |

| S8 | 579245 | (156/345.$).CCLS. or (("118") or ("216") or ("204") or ("427") or ("438") or ("315")).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/09 15:59 |
|---|---|---|---|---|---|---|
| S7 | 1833 | S5 and S6 | US-PGPUB; USPAT | OR | ON | 2005/09/09 15:59 |
| S10 | 148 | S9 and (temperature thermal) with (gradient different$4) | US-PGPUB; USPAT | OR | ON | 2005/09/09 16:00 |
| S11 | 14 | ("5080774" | "5135629" | "5135634" | "5228963" | "5240580").PN. OR ("5614071"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 16:14 |
| S12 | 6 | ("5614071" | "5837057" | "6059938" | "6296747" | "6475353").PN. OR ("6645357"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 16:16 |
| S13 | 8 | ("4909695" | "4915564" | "5516732" | "5658442" | "5820329" | "6143147" | "6258228" | "6645357").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 16:17 |
| S9 | 1187 | S7 and S8 | US-PGPUB; USPAT | OR | ON | 2005/09/09 16:20 |
| S14 | 1039 | S9 not S10 | US-PGPUB; USPAT | OR | ON | 2005/09/09 16:21 |
| S6 | 52041 | (shield liner protect$4 near2 (tub$4 cylindrical cylinder member)) with (segment$4 divid$4 piece section$4 stack$4) | US-PGPUB; USPAT | OR | ON | 2005/09/09 16:24 |
| S17 | 156 | S16 not S10 | US-PGPUB; USPAT | OR | ON | 2005/09/09 16:25 |
| S5 | 76715 | (plasma rie ribe reactive adj ion sputter$3).ti,ab,clm. | US-PGPUB; USPAT | OR | ON | 2005/09/09 16:36 |
| S22 | 136 | (plasma rie ribe reactive adj ion sputter$3) and S21 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/09 16:38 |
| S21 | 2614 | (shield liner protect$4 near2 (tub$4 cylindrical cylinder member)) near10 (ring segment$4 divid$4 piece section$4 stack$4) near10 (chamber wall reactor) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/09 16:38 |
| S19 | 672 | (plasma rie ribe reactive adj ion sputter$3) and S18 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/09 16:38 |
| S23 | 139 | S20 not S22 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/09 18:13 |

| S20 | 183 | S19 and (thermal temperature gradient stress distribut$4 differential) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/09 18:13 |
|---|---|---|---|---|---|---|
| S18 | 14744 | (shield liner protect$4 near2 (tub$4 cylindrical cylinder member)) and (ring segment$4 divid$4 piece section$4 stack$4) and (chamber wall reactor) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/09 18:27 |
| S27 | 508 | S26 not S10 not S16 | US-PGPUB; USPAT | OR | ON | 2005/09/09 18:28 |
| S26 | 601 | S25 and (thermal temperature) with (gradient stress distribut$4 differential) | US-PGPUB; USPAT | OR | ON | 2005/09/09 18:28 |
| S25 | 2764 | S8 and S24 | US-PGPUB; USPAT | OR | ON | 2005/09/09 18:28 |
| S24 | 27023 | (shield liner protect$4 near2 (tub$4 cylindrical cylinder member)) with (plurality two second ring segment$4 divid$4 piece section$4 stack$4) same (chamber wall reactor) | US-PGPUB; USPAT | OR | ON | 2005/09/09 18:28 |
| S16 | 172 | S15 same (thermal temperature) with (gradient stress distribut$4 differential) | US-PGPUB; USPAT | OR | ON | 2005/09/09 18:28 |
| S28 | 13 | ("4399546" \| "4981551" \| "5367139" \| "5444217" \| "5460684" \| "5494523" \| "5538230" \| "5569356" \| "5584936" \| "5641375" \| "5725675" \| "5788799" \| "5904800").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 18:52 |
| S29 | 10 | ("4960488" \| "5085727" \| "5089441" \| "5174858" \| "5252892" \| "5366585" \| "5472509" \| "5552124" \| "5578131" \| "5647913").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 18:57 |
| S30 | 53 | ("3623968" \| "4473455" \| "5047115" \| "5082547" \| "5085727" \| "5099100" \| "5330607" \| "5348587").PN. OR ("5641375").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 19:08 |

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|---|---|---|---|---|---|---|
| S31 | 27 | ("4340462" \| "4491496" \| "4690793" \| "4948458" \| "5006220" \| "5022979" \| "5085727" \| "5182059" \| "5200232" \| "5262029" \| "5292399" \| "5366585" \| "5556501" \| "5569356" \| "5641375" \| "5680013" \| "5788799" \| "5798016" \| "5820723" \| "5838529" \| "5863376" \| "5885356" \| "5888907" \| "5895586" \| "5904778").PN. OR ("6408786"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 19:12 |
| S32 | 83 | ("3993509" \| "4184188" \| "4354911" \| "4384918" \| "4401054" \| "4525375" \| "4709655" \| "4902934" \| "4910042" \| "4913929" \| "4962727" \| "4987857" \| "4996077" \| "5009920" \| "5024748" \| "5027746" \| "5047115" \| "5080039" \| "5094885").PN. OR ("5200232"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 19:15 |
| S33 | 12 | ("5348587" \| "5605637" \| "5641375" \| "5851299" \| "5882411" \| "5900064" \| "5951775" \| "5964947" \| "5976308" \| "5977519").PN. OR ("6277237").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 19:22 |
| S34 | 5 | ("20020102858" \| "5948704" \| "6277237" \| "6403491" \| "6527865").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/09 19:30 |
| S35 | 2 | ("6613587").URPN. | USPAT | OR | ON | 2005/09/09 19:31 |
| S36 | 4 | (honjou near2 fumikane hasegawa near2 kazunori okunishi near2 hiroki).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/15 20:16 |
| S38 | 20 | (plasma rie ribe reactive adj ion sputter$3).clm. and (shield liner protect$4 near2 (tub$4 cylindrical cylinder member)).clm. and S37 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/15 20:17 |
| S37 | 25754 | (matsushita adj electric adj industrial).as. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/15 20:17 |
| S4 | 11827 | (plasma rie ribe reactive adj ion sputter$3).ti,ab,clm. and (shield liner protect$4 near2 (tub$4 cylindrical cylinder member)) | US-PGPUB; USPAT | OR | ON | 2005/09/15 20:17 |
| S39 | 24 | S36 S38 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/15 20:20 |

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|---|---|---|---|---|---|---|
| S40 | 1 | "20040168631".did. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/15 20:21 |
| S44 | 1 | S41 and inductive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 20:23 |
| S43 | 1 | S41 and helicon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 20:23 |
| S42 | 2 | S41 and ecr | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 20:23 |
| S41 | 11 | (US-20020090464-$).did. or (US-5200232-$ or US-5614071-$ or US-5788799-$ or US-6277237-$ or US-6408786-$ or US-6613587-$ or US-6645357-$).did. or (JP-2000200778-$ or JP-2005036300-$).did. or (WO-200000999-$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2005/09/15 20:23 |
| S45 | 2 | S42 S43 S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 20:24 |
| S46 | 5 | S41 and groove | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/15 20:36 |
| S47 | 5 | ("5614071" \| "5837057" \| "6059938" \| "6296747" \| "6475353").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/15 20:37 |
| L20 | 14 | ("5080774" \| "5135629" \| "5135634" \| "5228963" \| "5240580").PN. OR ("5614071"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/16 12:42 |

| L21 | 14 | ("3514391" \| "4724060" \| "5064698" \| "5135629" \| "5614071" \| "5632869" \| "5656093" \| "5711813" \| "5804046" \| "5837057" \| "8530330").PN. OR ("6162297"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/16 12:44 |
|-----|-----|-----|-----|-----|-----|-----|
| S15 | 12757 | (shield liner protect$4 near2 (tub$4 cylindrical cylinder member)) with (segment$4 divid$4 piece section$4 stack$4) same (chamber wall reactor) | US-PGPUB; USPAT | OR | ON | 2005/09/16 12:48 |
| L23 | 579743 | (156/345.$).CCLS. or (("118") or ("216") or ("204") or ("427") or ("438") or ("315")).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/16 12:48 |
| L22 | 2501 | (shield liner protect$4 near2 (tub$4 cylindrical cylinder member)) with (groove) same (chamber wall reactor) | US-PGPUB; USPAT | OR | ON | 2005/09/16 12:48 |
| L24 | 140 | 22 and L23 | US-PGPUB; USPAT | OR | ON | 2005/09/16 12:50 |
| L25 | 1 | ("6797639").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/16 12:51 |